

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW

Applicant(s): RICE

Application No.: 10/648,265

Filed: August 27, 2003

Title: IMMERSION-COOLED
MONOLITHIC LASER DIODE ARRAY
AND METHOD OF
MANUFACTURING THE SAME



Attorney Docket No.: 20-016/000321-804

Group Art Unit: 2828

Examiner:

Commissioner for Patents
Arlington, VA 22202

Date: November 23, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the references listed on the attached Form PTO-1449 are being submitted for consideration by the Examiner without any admission that they constitute statutory prior art, or without any admission that they contain subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

Further, pursuant to 37 C.F.R. §1.97(e), the undersigned hereby certifies that each listed reference was first cited in a Communication (copy enclosed) from a foreign patent office in connection with a counterpart foreign application not more than three months prior to the filing of this statement. Please note that the U.S. Patent No. 5,495,490 cited in the Communication was already disclosed in the Information Disclosure Statement which was concurrently filed with the application on August 27, 2003.

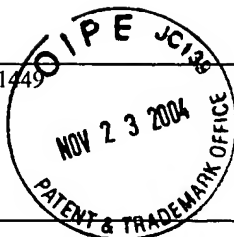
Although no fees are believed to be due at this time, it is respectfully requested that any such fees be charged to Deposit Account 50-1147. Also, the Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed references have been considered and made of record.

Respectfully submitted,

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FORM PTO-1449	ATTY. DKT NO.	20-015	SER. NO.	10/648,265
	APPLICANT	RICE		
	FILING DATE	August 27, 2003	GROUP	2828



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
		4,998,803	Mar. 12, 1991	Salour et al.		
		6,480,515	Nov. 12, 2002	Wilson		
		5,764,675	June 9, 1998	Juhara		

FOREIGN PATENT DOCUMENTS

TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO	
										Eng. Abstract
		EP 0 436 380 A2	7/10/91	EUROPE				X		

* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Endriz, et al. "High Power Diode Laser Arrays," <u>IEEE Journal of Quantum Electronics</u> , New York, vol. 28, no. 4, April 1, 1992, pp. 952-965.
		Munding, et al. "Demonstration of High-Performance Silicon Microchannel Heat Exchangers for Laser Diode Array Cooling," <u>Applied Physics</u> , New York, vol. 53, no. 12, September 19, 1988, pp. 1030-1032.
EXAMINER		DATE CONSIDERED